



September 20, 2006

**DESIGN MEMORANDUM No. 06-12**  
**TECHNICAL ADVISORY**

**TO:** All Design, Operations, District Personnel, and Consultants

**FROM:** /s/ Anthony L. Uremovich  
Anthony L. Uremovich  
Design Resources Engineer  
Production Management Division

**SUBJECT:** Transformed Beam Section

**EFFECTIVE:** January 10, 2007, Letting

A transformed section may be used for the design of prestressed-concrete beams only with the permission of the Production Management Division's Structural Services manager.

If a transformed section is permitted and used for the design of prestressed-concrete beams, a note should be included with the General Plan notes which reads as follows:

“A transformed section was used for the design of the beams.”

The Beam Details sheets should include information which indicates the total number of transformed prestressing strands and the final prestress-force loss (not the percent loss).

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